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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) |   |                                      | Application No.                              | 10/6                                  | 506,514   |  |
|---|---|--------------------------------------|--|---------------------------------------|---|--|
|   |   |                                      | Filing Date                                  | June                                  | 25, 2003  |  |
|   |   |                                      | First Named Inventor                         | Dav                                   | rid S. De Lorenzo   |  |
|   |   |                                      | Art Unit                                     | 212                                   | 5   |  |
|   |   |                                      | Examiner Name                                | Sea                                   | n P. Shechtman  |  |
| Total Number of F   | Pages in This Submissi  | on                                   | Attorney Docket Number                       | er 42P                                | 15056   |  |
|   | ENCLO   | SURES (chec                          | k all that apply)                            |                                       |   |  |
| Fee Transmittal   | Form  | Drawing(s)                           |  |                                       | After Allowance Communication to Group                            |  |
| Fee Attac   | ched  | Licensing-related Papers             |  |                                       | Appeal Communication to Board of Appeals and Interferences        |  |
| Amendment / Ro  | esponse   | Petition                             |  |                                       | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |  |
| After Fina Affidavits   | al<br>/declaration(s)   | Petition to 0 Provisional            | Convert a<br>Application                     |                                       | Proprietary Information   |  |
| Extension of Tin  | ne Request  | Power of A Change of                 | ttorney, Revocation<br>Correspondence Addres | l                                     | Status Letter   |  |
| Express Abando  | onment Request  | Terminal Disclaimer                  |  |                                       | Other Enclosure(s) (please identify below):                       |  |
| Information Disclosure Statement  |   | Request for Refund                   |  |                                       | -Copies of 3 cited references<br>-Check in the amt of \$180.00    |  |
| PTO/SB/08  Certified Copy of Priority                                     |   | CD, Number of CD(s)                  |  |                                       | -Return Receipt Postcard  |  |
| Certified Copy of Priority Document(s)                                    |   |                                      |  |                                       |   |  |
| Response to Missing Parts/<br>Incomplete Application                      |   | Remarks                              |  |                                       |   |  |
|   | Filing Fee<br>aration/POA   |                                      |  |                                       |   |  |
| Response Parts und 1.52 or 1.   | e to Missing<br>er 37 CFR<br>53   |                                      |  |                                       |   |  |
|   | SIGNATURE   | OF APPLICAN                          | IT, ATTORNEY, OR A                           | GENT                                  |   |  |
| Firm<br>or  | Gregory D. Cald   | dwell, Reg. No                       | . 39,926                                     |                                       |   |  |
| Individual name   |   | <b>OKOZOFF</b> , TAYLOR & ZAFMAN LLP |  |                                       |   |  |
| Signature   |   |                                      |  |                                       |   |  |
| Date  | Date November 23, 2004  |                                      |  |                                       |   |  |
|   | CERTIFI   | CATE OF MAIL                         | ING/TRANSMISSION                             | · · · · · · · · · · · · · · · · · · · |   |  |
| sufficient postage as f   | I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop 313(c), Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |                                      |  |                                       |   |  |
| Typed or printed na   | me Rachael Bro  | wn                                   |  |                                       |   |  |
| Signature   | _  KU >   |                                      |  | Date                                  | November 23, 2004   |  |



## FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

180.00

| Complete if Known    |                     |   |  |  |  |
|----------------------|---------------------|---|--|--|--|
| Application Number   | 10/606,514          |   |  |  |  |
| Filing Date          | June 25, 2003       | _ |  |  |  |
| First Named Inventor | David S. De Lorenzo |   |  |  |  |
| Examiner Name        | Sean P. Shechtman   |   |  |  |  |
| Art Unit             | 2125                |   |  |  |  |
| Attorney Docket No.  | 42P15056            |   |  |  |  |

11/23/04

Date

| METHOD OF PAYMENT (check all that apply)  FEE CALCULATION (continued)                                       |                 |                               |              |             |  |                    |                  |          |
|---|-----------------|-------------------------------|--------------|-------------|--|--------------------|------------------|----------|
| Check Credit card Money Other None 3. ADDITIONAL FEES   |                 |                               |              |             |  |                    |                  |          |
| Deposit Account   |                 | arge Entity                   | Sma          | ii Entity   | <u>.</u>   |                    |                  |          |
| Deposit   |                 | iee Fee<br>ode (\$)           | Fee<br>Code  | Fee<br>(\$) | For  | Description        |                  | Fee Paid |
| Account Number 02-2666  | 10              | 51 130                        | 2051         | 65          | Surcharge - late filing                            |                    |                  | TOUTAN   |
| Deposit   | 10              | 052 50                        | 2052         | 25          | Surcharge - late provi                             |                    |                  |          |
| Account Name Blakely, Sokoloff, Taylor & Zafman LLP   | 20              | 53 130                        | 2053         | 130         | Non-English specifica                              | tion               |                  |          |
| The Commissioner is authorized to: ( check all that apply)  |                 | 312 2,520                     | 1812         | 2,520       | For filing a request for                           |                    | nation           |          |
| Charge fee(s) indicated below Credit any overpayments   | 18              | 304 920*                      | 1804         | 920 1       | <ul> <li>Requesting publication</li> </ul>         | n of SIR prior to  |                  |          |
| Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. | 18              | 305 1,840 °                   | 1805         | 1,840 1     | Requesting publicatio                              | n of SIR after     |                  | ·        |
| Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account           | l               | 440                           |              |             | Examiner action                                    | hin floor an auth  |                  |          |
| FEE CALCULATION   |                 | 251 110<br>252 430            | 2251<br>2252 | 55<br>215   | Extension for reply wit<br>Extension for reply wit |                    |                  |          |
| 1. BASIC FILING FEE   |                 | 253 980                       | 2252         | 490         | Extension for reply wit                            |                    |                  |          |
| Large Entity Small Entity   |                 | 54 1,530                      | 2254         | 765         | Extension for reply wit                            | hin fourth month   |                  |          |
| Fee Fee Fee Fee Fee Pescription Fee Paid Code (\$) Code (\$)  | j <sub>12</sub> | 255 2.080                     | 2255         | 1,040       | Extension for reply wit                            | hin fifth month    |                  |          |
| 1001 790 2001 395 Utility filing fee  | 7 14            | 104 340                       | 2401         | 170         | Notice of Appeal                                   |                    |                  |          |
| 1002 350 2002 175 Design filing fee   | 14              | 102 340                       | 2402         | 170         | Filing a brief in support                          |                    |                  |          |
| 1003 550 2003 275 Plant filing fee  |                 | 103 300                       | 2403         | 150         | Request for oral hear                              | -                  |                  |          |
| 1004 790 2004 395 Reissue filing fee  |                 | 151 1.510<br>152 110          | 2451         | 1,510       | Petition to institute a                            | •                  | ling             |          |
| 1005 160 2005 80 Provisional filing fee   | <b></b>         | 152 110<br>153 1.370          | 2452<br>2453 | 55<br>685   | Petition to revive - uni                           |                    |                  |          |
| SUBTOTAL (1) (\$)   |                 | 601 1.370                     | 2501         | 685         | Utility issue fee (or rei                          |                    |                  |          |
| 2. EXTRA CLAIM FEES Extra Fee from  |                 | 02 490                        | 2502         | 245         | Design issue fee                                   | ,                  |                  |          |
| Claims below Fee Paid   | 15              | 660                           | 2503         | 330         | Plant issue fee                                    |                    |                  |          |
| Total Claims  - 20* = X   | _ 14            | 60 130                        | 2460         | 130         | Petitions to the Comm                              | nissioner          |                  |          |
| Claims X = = Multiple Dependent   | <b>⊣I</b>       | 507 50                        | 1807         |             | Processing fee under                               | 1.17               |                  |          |
|   | <b></b>         | 180                           | 1806         | 180         | Submission of Informa                              |                    | tmt              | 180.00   |
| Large Entity Small Entity  Fee Fee Fee Fee Fee <u>Fee Description</u>                                       | 80              | 21 40                         | 8021         | 40          | Recording each pater<br>property (times number     |                    |                  |          |
| Code (\$) Code (\$)   | 18              | 09 790                        | 1809         | 395         | Filing a submission aft                            | er final rejection |                  |          |
| 1202 18 2202 9 Claims in excess of 20 1201 88 2201 44 Independent claims in excess of 3                     | 18              | 10 790                        | 2810         | 395         | For each additional inv                            | vention to be      |                  |          |
| 1203 300 2203 150 Multiple Dependent claim, if not paid   |                 |                               |              |             | examined (37 CFR § 1                               | I.129(b))          | _                |          |
| 1204 88 2204 44 **Reissue independent claims over original patent   |                 | 01 790                        | 2801         | 395         | Request for Continued                              |                    | E)               |          |
| 1205 18 2205 9 **Reissue claims in excess of 20 and over  |                 | 900 per fee (specify)         | 1802         | 900         | Request for expedited<br>of a design application   |                    |                  |          |
| original patent   |                 | s. 100 (openiy)               |              |             |  |                    |                  |          |
| SUBTOTAL (2) (\$)   | ],,,,,          | and by Pools Ex-              | Eon Pri-     |             | _  |                    | <del>;-:</del>   |          |
| **or number previously paid, if greater, For Reissues, see below  |                 | uced by Basic Filing          | yree rak     |             |  | SUBTOTAL (3)       | (\$)             | 180.00   |
| SUBMITTED BY  |                 |                               |              |             |  | Comp               | lete (if applica | able)    |
| Name (Print/Type) Gregory D. Caldwell   | Ī               | Registratio<br>(Attorney/Agei |              | 3           | 39,926   | Telephone          | (503) 439        |          |

Signature

Docket No.: 42P15056

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

DAVID S. DE LORENZO, ET AL.

Application No.: 10/606,514

Filed: June 25, 2003

For: METHOD AND APPARATUS FOR MEMORY

BANDWIDTH THERMAL BUDGETTING

Art Group: 2125

Examiner: Sean P. Shechtman

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed), which are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

11/29/2004 JBALINAN 00000012 10606514

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180.00 OP

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

The fee set in the amount of \$180.00 for submission of the Information Disclosure Statement is enclosed herewith. Please charge any additional fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SORDIO TAYLOR & ZAFMAN LLP

Date: November 23, 2004

Gregory D. Caldwell, Reg. No. 39,926

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (503) 439-8778

-2- 42P15056



INFORMATION DISCESSIFE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

| Sheet | 1 | of | 1 |
|-------|---|----|---|
|       |   |    |   |

| Complete if Known      |                     |  |  |  |  |
|------------------------|---------------------|--|--|--|--|
| Application Number     | 10/606,514          |  |  |  |  |
| Filing Date            | June 25, 2003       |  |  |  |  |
| First Named Inventor   | David S. De Lorenzo |  |  |  |  |
| Art Unit               | 2125                |  |  |  |  |
| Examiner Name          | Sean P. Shechtman   |  |  |  |  |
| Attorney Docket Number | 42P15056            |  |  |  |  |

|                       |              |   | U.S. PATE                                 | ENT DOCUMENTS                                      |   |
|-----------------------|--------------|---|---|--|---|
| Examiner<br>Initials* | Cite<br>No.1 | Document Number  Number - Kind Code² (if known) | Publication Date or Issue Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       | 1            | US-2002/0143488 A1                              | 10-03-2002                                | Cooper, et al.                                     |   |
|                       | 2            | US-2004/0215371 A1                              | 10-28-2004                                | Samson, et al.                                     |   |
|                       | !            | US-   |   |  |   |
|                       |              | US-   |   |  |   |
|                       | !            | US-   |   |  |   |
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|                       | <del></del>  | US-   |   |  |   |

|                | FOREIGN PATENT DOCUMENTS |  |                                |  |  |  |  |
|----------------|--------------------------|--|--------------------------------|--|--|--|--|
| Examiner       | Cite                     | Foreign Patent Document                      |                                |  | Pages, Columns, Lines,                             |  |  |
| Initials* No.1 |                          | Country Code - Number - Kind Code (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear |  |  |
|                | 3                        | WO 00/11675                                  | 03-02-2000                     | Jain, et al.                                       |  |  |  |
|                |                          |  |                                |  |  |  |  |
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| Examiner  | Date       |
|-----------|------------|
| Signature | Considered |

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>&#</sup>x27;Applicant's unique citation designation number (optional)\*See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04\*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possib@applicant is to place a check mark here if English language Translation is attached.